

Appendix G

Field Artillery Support Plan

The FA support plan is an appendix to the FS annex for a force OPLAN/OPORD. It provides for the coordinated actions necessary to carry out FA missions and tasks established by the FS plan and FA commander in support of force operations.

FIELD ARTILLERY SUPPORT PLAN FORMAT

G-1. The FA support plan is the force artillery commander's tactical plan for employing the fires of all available artillery. It is based on guidance and instructions included in the FS plan of the OPLAN/OPORD supplemented by verbal information from the force FSC/FSE. The FA support plan ensures the most efficient use of available FA to support friendly forces. It disseminates the FA commander's guidance on the designation of specific units to attack HPTs and the manner in which targets will be engaged. When completed, an FA support plan normally contains a written portion, a target list, and the schedule of fires. Because of the fluidity of the battle, the written elements are needed in advance by subordinate units to ensure timely parallel planning and synchronized execution. The FA operations officer (G3/S3) consolidates input from other staff elements and prepares the plan.

G-2. The FA support plan follows the format of the five-paragraph OPORD and makes reference to both the basic maneuver OPLAN/OPORD and the FS annex. However, not all of the commanders and staffs of the FA units subordinate to the corps arty, div arty, or FA brigade will receive copies of the basic maneuver OPLAN/OPORD or the FS annex. Therefore, the FA support plan may need to repeat critical items of information from these documents to ensure that all commanders and staffs receive essential information. The FA support plan should not include information already available in unit TSOPs. The purpose of the FA support plan is to inform subordinate and supporting units of tasks and requirements that are peculiar to a particular operation.

STANDARDS IN FA SUPPORT PLAN DEVELOPMENT

G-3. The following are some of the measures units should adhere to during the preparation of FA support plans:

- The command group involves itself effectively in establishing FA-focused CCIR and actively monitors information collection and IPB processes.
- All units deliver timely and accurate reports to higher, adjacent, and subordinate elements to include routine status information.
- Information critical to the planning and execution process is not held pending publication of a formal written order.
- If planning processes must be accelerated, essential steps are not

disregarded. For example, if compression is unavoidable, wargaming should still occur during the COA development phase to visualize how the battle will unfold and to refine CCIR. To preclude the dissemination of immature plans requiring continuous change, wargaming is not deferred until the rehearsal phase.

- CSS elements are effectively tied into the staff planning process.
- Staff integration is consistently practiced to ensure individual staff sections do not function in isolation and develop products without first sharing or harmonizing information with other staff elements.
- Rehearsals include all key personnel and give all CP elements an adequate voice.
- Units guard against turning rehearsals into wargaming sessions that produce significant, last-minute changes to original plans.
- TOC operations not only focus on plans/orders preparation processes but place equal emphasis on actions required to support battle preparation and execution and support to the current battle. A judicious balance will preclude units from exhausting themselves during the planning phase and losing the ability to adequately monitor combat preparations, control execution, and prepare for the next event.
- Commanders do not develop plans without adequate staff involvement and integrating all available, essential information.
- Staffs proactively pursue information requirements, rapidly analyze available information, and issue modified instructions, if applicable.
- The overriding criteria for the FA support plan is that it is clear, concise, and understandable. Common graphics provide an effective way to publish often voluminous information, permit maximum flexibility, and promote rapid comprehension.
- A brief plan that clearly defines the mission and required actions takes less effort to prepare and execute. It is better to provide a good plan quickly and to refine it later than to delay preparation until the best plan is completed.

FIELD ARTILLERY SUPPORT PLAN OUTLINE

G-4. The following pages provide a sample outline of an FA support plan. The sample plan is annotated for specific information requirements or suggestions.

 (Classification)

Copy no ____ of ____ copies
 Unit preparing order
 Date-time group (DTG) of order

APPENDIX ____ (FA SUPPORT PLAN) TO ANNEX ____ (FIRE SUPPORT) TO OPORD ____

Reference: List any maps, charts, or other documents (SOPs, and so on) required to understand the order. Reference to a map will include the map series number (and country or geographic area, if required), sheet number (and name if required), edition, scale (if required), and the force common datum (see note below) from a GPS (specify type of GPS and datum used) or from the center of the lower margin on a map. References listed here should not be reprinted in tabs unless tabs are separated from the basic document.

Note: Universal transverse mercator (UTM) coordinates from the same point computed on a different datum may differ as much as 900 meters.

Time Zone Used Throughout Order: The time zone applicable to the operation. Times in other zones are converted to this zone for this operation. Consistency must be maintained through all documents.

TASK ORGANIZATION: May be included as a tab.

1. **SITUATION.** This paragraph is used exclusively to provide information. Paragraph 1 includes items of information affecting FA operations that may or may not be included in the fires paragraph of the maneuver OPORD or the FS annex. It gives an overview of the general situation so subordinate commanders can understand the environment in which they will be operating. If all organic, attached, or supporting commanders do not receive complete copies of the maneuver OPORD and the FS annex, then the FA support plan repeats those items critical to the execution of their missions.

a. **Enemy Forces.** Subparagraph 1a provides enemy information vital to the FA unit. This includes enemy indirect fire capabilities that may influence FA operations, the ground threat, the air threat, and any other enemy information of particular relevance to FA units. Reference may be made to an intelligence annex, an overlay, a periodic intelligence report, or to an intelligence summary (INTSUM). Consider using the intelligence annex as a tab.

 (Classification)

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APP __ (FA SPT) TO ANX __ (FIRE SPT) TO OPORD __

b. Friendly Forces. Subparagraph 1b contains the missions of higher HQ and/or that of supported maneuver elements. Missions of adjacent, supporting, and reinforcing units also may be outlined here. Information should be limited to that which subordinate commanders need to know to accomplish their missions. The supported maneuver commander's intent for FS and the force FA commander's intent during GS and GSR missions are also included in this subparagraph.

c. Attachments and Detachments. Subparagraph 1c should list units attached to and detached from the FA unit (if not included clearly in the task organization), the terms of attachment, and effective DTGs, if appropriate.

d. Assumptions. If the FA support plan supports an OPLAN, assumptions may be required. If the FA support plan is part of an OPORD, assumptions are not included.

2. MISSION. Paragraph 2 is a clear, concise statement of the task the FA unit is to accomplish. As a minimum, it should answer the questions: who, what, when, where, and why. It includes essential tasks determined by the commander as a result of his mission analysis.

3. EXECUTION. The (corps arty, div arty, or FA brigade) commander's intent is included here. Intent is the commander's stated vision that defines the purpose of an operation; the end state will be achieved by the force as a whole.

a. Concept of Operations. Subparagraph 3a is a statement of the FA commander's visualization of the conduct of the operation by phase to the desired end state. The concept clarifies the purpose of the operation and is stated in enough detail to ensure appropriate action by subordinate units in the absence of more specific instructions. This paragraph should include the list of EFATs by phase. In addition, this paragraph may include a summary of the maneuver concept by phase for units that do not receive the maneuver OPORD.

b. Organization for Combat. Subparagraph 3b is a clear statement of the organization and tactical missions of the subordinate units of the FA HQ. Organization for combat normally will be done by phases. Anticipated o/o changes to organization or tactical missions are included in this paragraph.

Note: Subsequent subparagraphs in paragraph 3 build on the concept of operations and should provide the artillery organization for combat, priority of fires, priority of special munitions, positioning and movement instructions, and specific tasks to be accomplished by subordinate units.

c.*	*	*	*	*	*	*	*	*	*	*	*
d.*	*	*	*	*	*	*	*	*	*	*	*

(Classification)

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APP __ (FA SPT) TO ANX __ (FIRE SPT) TO OPORD __

e.* * * * * * * * * * *

f.* * * * * * * * * * *

g. Coordinating Instructions. The last subparagraph in paragraph 3 is coordinating instructions. It includes instructions and details of coordination applicable to two or more subordinate FA units. Instructions included in this subparagraph also may be addressed in tabs to the FA support plan. Tabs should be prepared for portions of the FA support plan that are better explained in a different format (for example, overlay or matrix), that are too extensive to be in the FA support plan, that are expected to change or lengthen, or that are submitted too late to be included. If a separate tab is issued, include in the coordinating instructions subparagraph only items of general interest with details placed in the tab. If a tab is prepared, reference it in the body of the FA support plan. This subparagraph should include instructions concerning the following:

- Met (includes source, type, and times of met messages).
- Liaison requirements.
- Fire plan (includes target list, schedules of fires).
- FSCMs. (These may be distributed as part of the operations overlay. Planned measures should be identified.)
- Automated fire control instructions, especially coordination requirements with nonautomated units or units with similar, but not identical, automated systems. Mutual support unit (MSU) taskings are identified here.
- HPTL.
- Attack guidance. (This may appear as a matrix in a tab. Specific automated commander's criteria is found in the AFATDS or IFSAS tab).
- NBC defense (includes mission-oriented protective posture [MOPP], operational exposure guidance, and decontamination instructions).
- PIR and/or information requirements.
- TA (includes counterfire reference grid and instructions to or about specific observers).

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APP __ (FA SPT) TO ANX __ (FIRE SPT) TO OPORD __

- Survey (includes priorities for survey, accuracies required [if other than SOP], timing, position requirements and future plans).
- Intelligence acquisition tasks.
- Ammunition restrictions (includes expenditure restrictions, approval requirements, and risk limitations).
- Antifratricide measures (such as vehicle markings) that are not SOP.

4. SERVICE SUPPORT. Paragraph 4 includes specific service support instructions and arrangements supporting the operation. The commander's guidance regarding CSS will be here. Supply, maintenance, medical, and personnel information are included in this paragraph. As a minimum, the CSR and the CSS locations (combat trains, field trains, casualty collection points, LRP, ATP, and/or ASP) should be given. CSS support usually will be included as a tab.

5. COMMAND AND SIGNAL.

a. Command. The first subparagraph should list the locations of the unit CP and the locations of higher, supporting, and supported unit CPs. The commander's planned location during the operation can be in this paragraph. Designation of an alternate CP is included here. Automated C2 systems used (such as maneuver control system [MCS]) and any particular aspects for their use also are included here.

b. Signal. The second subparagraph contains the index of the effective SOI to include edition in effect and courier schedule. Instructions on the use of radio and instructions for wire and retransmission elements are included here.

Acknowledge.

ISSUING COMMANDER'S NAME
RANK

OFFICIAL:

/ss/

NAME
G3 (or S3)

 (Classification)

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APP __ (FA SPT) TO ANX __ (FIRE SPT) TO OPORD __

Tabs: A -
 B -
 C -

Tabs: Tabs are ordered as they are referenced in the basic OPORD or OPLAN. The TSOP may specify that some tabs will always be produced. Common tabs include the following:

- Task organization (may be attached from OPORD).
- Intelligence (INTSUM, overlay, annex, or PIR and information requirements lists prepared by G2).
- FA support execution matrix and/or FA positioning and movements matrix (may not apply).
- Maneuver overlays.
- Force movement plans and/or schedules.
- FA positioning and movement overlay.
- Target lists. (See FM 6-20-1, Appendix E.)
- Fire plan (schedules of fires).
- Survey (the survey plan prepared by the RSO).
- TA (prepared by the HQ with counterfire responsibility). (See FM 6-121, Appendix F.)
- AFATDS or IFSAS.
- Met (the meteorology plan).
- Obstacle overlay (prepared by engineers).
- Army airspace command and control (A2C2) overlay (prepared by A2C2 element).

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APP __ (FA SPT) TO ANX __ (FIRE SPT) TO OPORD __

- CSS overlay. (If service support is a tab, the CSS overlay will be an enclosure to the service support tab.)
- ROE.
- Brevity codes.
- Civil affairs.
- PSYOP.
- Special distribution items (such as antifratricide prevention information).

Often subordinate units will not receive the basic maneuver OPORD or FS annex. Therefore, reprints of portions of these documents may be required and included as tabs.

Distribution: The G3 or S3 establishes distribution in coordination with other coordinating and special staff officers. A distribution formula may be included in the unit TSOP.

(Classification)

SURVEY TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-5. The survey plan (or order) normally is incorporated into the FA plan as the survey tab. The survey plan contains detailed instructions (orders on issuance of the OPORD) to each survey team not covered by local TSOP. It gives general information needed for the efficient accomplishment of the survey mission. The survey plan is written or issued orally. It generally follows the same sequence as the OPORD. Often because of the tactical situation and wide dispersal of units, part of the survey plan may be issued by radio or other communication means available to the survey elements. The format for a five-paragraph survey plan is shown below. The sample addresses several topics which should be considered when including a survey tab for the FA support plan.

(Classification)

TAB _ (SURVEY) TO APPENDIX _ (FA SUPPORT PLAN) TO ANNEX _ (FIRE SUPPORT) TO OPORD ____.

Reference: The same reference information contained in the basic FA support plan should be included here. Also, any survey-specific references should be included.

Time Zone Used Throughout Order: The time zone should be the same as in the basic FA support plan.

1. **SITUATION.** Only items having a bearing on the execution of the survey mission are addressed in this paragraph.

a. **Enemy Forces.** This subparagraph contains information from the G2/S2 on enemy forces that may affect the survey mission.

b. **Friendly Forces.** This subparagraph contains information on higher, adjacent, and supporting units that may affect the survey mission.

c. **Attachments and Detachments.** This subparagraph lists sections attached or detached for a particular mission such as an infantry squad for security.

2. **MISSION.** This paragraph is a clear, concise statement of the task the survey elements must accomplish. Normally, it describes **who, what, when, where**, and, as appropriate, **why**. This paragraph has no subparagraphs.

3. **EXECUTION.**

a. **Concept of Operations.** This subparagraph briefly describes the survey methods to be used. It answers the question, generally, of how the survey will be done. This paragraph should consider target area survey, SIMOs, COLTs, radar, aerial assets, and MI assets.

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TAB _ (SURVEY) TO APPENDIX _ (FA SUPPORT PLAN) TO ANNEX _ (FIRE SUPPORT) TO OPORD ____.

b. Priority of Survey. This subparagraph will describe the commander's priority of survey for the best use of critical assets.

Note: The intermediate subparagraphs (paragraphs 3c, d, e, and so forth) are specific missions of subordinate survey sections or teams. The mission of each subordinate team is addressed in its own paragraph, which contains instructions for that team only. Each mission tells the subordinate leader what he must do, but not how he must do it (unless rigid centralized control must be maintained).

c. Coordinating Instructions. The last subparagraph contains instructions common to two or more units. These instructions are designed to keep the subordinate units working together. Instructions such as a primary method of determining azimuths, distances appropriate as coordinating instructions, special markings not covered in the TSOP, and special user techniques for GPS. Included in the coordinating instructions is where the survey elements will receive life support and security support.

4. SERVICE SUPPORT. This paragraph lists those logistic considerations that concern the surveyors. It lists food, ammunition, POL, locations of medics and aid stations, handling of EPWs, and nonorganic transportation. These considerations are addressed as they affect the particular survey. Local TSOP items need not be addressed.

5. COMMAND AND SIGNAL.

a. Command. This subparagraph gives the locations of the CP, SPCE, survey officer, chief surveyor, and team chiefs. The survey distribution concept considerations include dissemination time and automated means (AFATDS, and so on) available for dissemination. This subparagraph will contain frequencies and transmission times if SIMO stations will be used.

b. Signal. The subparagraph lists nonstandard hand signals, pyrotechnics, frequencies, call signs, electronic countermeasures, and GPS COMSEC considerations.

Enclosures: Suggested enclosures to the survey tab include the following:

- GPS visibility windows.
- Survey control points. This includes survey control points already installed and proposed locations to support the plan.

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AFATDS (OR IFSAS) TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-6. Since AFATDS/IFSAS provide fire planners throughout the artillery system with instantaneous access to target files and FA schedules, the G3 or S3 writing the FA support plan no longer has to attach a target list and schedules of fires to the written portion of the plan. Instead, he can initiate, coordinate, and monitor the development of the FA schedules in accordance with the standard fire planning capabilities and procedures that apply to AFATDS/IFSAS. In the written portion of the plan, he can reference FA schedules by plan name and, if necessary, targets by target number.

G-7. The following format depicts an AFATDS/IFSAS tab to an FA support plan designed for use with a plan. It presents the initialization requirements, commander's criteria, FSCMs, and other data important to AFATDS and IFSAS C2 procedures. (The AFATDS mnemonics that appear in the example tab are identified in Table G-1 below.)

Table G-1. AFATDS Mnemonics

Mnemonic	Interpretation	Mnemonic	Interpretation
ADJC	adjacent	ILA	illumination projectile
AFU	ammunition and fire unit	MAPMOD	map modification
AMOL	critical ammunition level	MOD	modification
APL	applicable ammunition	NNFP	nonnuclear fire plan
ASRLVL	available supply rate level	PDA	point-detonating fuze (M557, M739, M572)
AWS	air weather service	PSHELL	priority shell
BDRY	boundary level	PTYPE	priority type
BGEOM	battlefield geometry	PZONE	priority zone
COMD	command	SMA	smoke, white phosphorus
ECOF	effects cutoff factor	SMB	smoke, base ejection and colored
EFF	desired effects	SPHERE	spheroid
FCORD	coordinating agency	SPRT	support
FIST	fire support team	SR	situation report
FM	fire mission	TIA	time fuze (M564)
FUSEL	commander's fire unit selection	TIB	time fuze (M577)
GZ	grid zone	TIC	time fuze (M548)
HEA	high-explosive projectile (deep cavity)	VOL	volley
HEC	APICM projectile (M444)	VTE	variable time fuze (M728)
HER	rocket-assisted projectile (motor on)	XCLUDE	exclude

(Classification)

TAB __ (AFATDS or IFSAS) TO APPENDIX __ (FA SUPPORT PLAN) TO ANNEX __ (FIRE SUPPORT) TO OPORD__

Reference: The same reference information contained in the basic FA support plan should be included here. Also, any automation-specific references should be included.

Time Zone Used Throughout Order: The time zone should be the same as in the basic FA support plan.

1. SUBSCRIBER TABLE ASSIGNMENTS. Subscriber table (SBT) assignments may be listed here or as an enclosure.

- FSO:__;FIS:__;__;
- FSO:__;FIS:__;__;

FSO:__;FIS:__;__;
FSO:__;FIS:__;__;

2. MSU AFFILIATIONS OR RELATIONSHIPS. The MSU affiliations or relationships must be fully delineated to allow for continuous automated operations.

3. COMMANDER'S CRITERIA.

a. Commander's Modifications. The formats and fields below are used to specify ammo types and levels to be ignored, specify ECOF for volume office calculations, specify zone of responsibility, specify minimum MLRS target radius, and provide for priority fire missions.

(1) FM;MOD;

- PZONE:_____;
- PTYPE:_____/_____;
- PSHELL:__;

(2) NNFP;MOD;..ECOF:__;

b. Exclusions. The formats below are used to specify weapons or fire units or a combination of shell and/or fuze by weapon type or fire unit.

(1) FM;XCLUDE;

(2) NNFP;XCLUDE;

c. Attack Methods. The fields below are used to override standard volleys factor for specified target types or subtypes.

Classification

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TAB ____ (AFATDS OR IFSAS) TO APP ____ (FA SPT) TO ANX (FIRE SPT) TO OPORD ____

FM;ATTACK;...EFF:__;VOL:__;

d. Fire Unit Selection. The FM;FUSEL format is used to specify basic ordering of selected fire units and so on.

e. Map Modification. The fields are used to define the spheroid, grid zone, and coordinates that describe the general AO.

SPRT;MAPMOD;...GZ:__;SPHERE:__;

f. Artillery SITREP. The formats below indicate where and when SITREPs should be sent and when SITREPs are changed.

(1) AFU;COMD;

(2) AFU;SR;

g. Available Supply Rate. The fields below are used to establish CSR.

AFU;ASR;...ASRLVL:____;

h. Critical Ammunition Level. The AFU;AMOL format specifies critical ammo levels. In the AFU;AMOL format, discuss any restrictions by the commander. The following are types of projectiles:

- HEA/____, SMB/____, PDA/____, TIC/____,
- HEC/____, ILA/____, TIA/____, VTE/____,
- SMA/____, HER/____, TIB/____,

i. Geometry.

(1) **Zones.**

(a) **Brigade zone.** Data to establish supported division, brigade, and/or battalion zones are provided for entry into AFATDS (or IFSAS) by using the SPRT;ZNE format. List grids in the order they are entered into the computer.

Classification

Classification

TAB ____ (AFATDS or IFSAS) TO APP ____ (FA SPT) TO ANX ____ (FIRE SPT) TO OPORD ____

Brigade zone: (name)	Brigade zone: (name)	Brigade zone: (name)
1. Grid	1. Grid	1. Grid
2. Grid	2. Grid	2. Grid
3. Grid	3. Grid	3. Grid
4. Grid	4. Grid	4. Grid
5. (and so forth)	5. (and so forth)	5. (and so forth)
BDRY: (name)	BDRY: (name)	BDRY: (name)
ADJC: (name)	ADJC: (name)	ADJC: (name)

(b) Battalion zones.

Battalion zone: (name)	Battalion zone: (name)	Battalion zone: (name)
1. Grid	1. Grid	1. Grid
2. Grid	2. Grid	2. Grid
3. Grid	3. Grid	3. Grid
4. Grid	4. Grid	4. Grid
5. Grid	5. Grid	5. Grid
6. (and so forth)	6. (and so forth)	6. (and so forth)
BDRY: (name)	BDRY: (name)	BDRY: (name)
ADJC: (name)	ADJC: (name)	ADJC: (name)

(2) Maneuver Coordinating Measures. Use battlefield geometry input message (SPRT;BGEOM) and RFL as geometry type.

PL ____	PL ____	PL ____	PL ____	PL ____
1. Grid	1. Grid	1. Grid	1. Grid	1. Grid
2. Grid	2. Grid	2. Grid	2. Grid	2. Grid
3. Grid	3. Grid	3. Grid	3. Grid	3. Grid
	4. Grid		4. Grid	

(3) Fire Coordination Areas. Use the battlefield geometry input message (SPRT;BGEOM) to establish fire coordination areas.

(a) No-Fire Areas

NAME: _____	NAME: _____
APL: _____	APL: _____
FCORD: _____	FCORD: _____

Classification

Classification

TAB ____ (AFATDS or IFSAS) TO APP ____ (FA SPT) TO ANX ____ (FIRE SPT) TO OPORD ____

(b) Restrictive Fire Areas.

NAME: _____

APL: _____

FCORD: _____

1. Grid

2. Grid

3. Grid

4. Grid

5. Grid

(c) Free-Fire Areas (for registration only).

NAME: _____

APL: _____

FCORD: _____

Grids and/or RAD number (meters)

(4) Target Number Assignments. Target numbers not covered in the TSOP should be discussed here. Also, attached or supporting artillery may have target numbers assigned in this subparagraph.

Enclosures: Suggested enclosures to the AFATDS or IFSAS tab include the following:

- Message of interest (MOI) tables.
- Subscriber tables.
- Computer chips.

Classification

TARGET ACQUISITION TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-8. The TA tab is an integral part of the FA support plan. The TA tab is a managerial tool used mainly by the div arty (or FA brigade) controlling FA TA assets. DS battalion staffs produce a TA tab when they control FA TA assets. This tab is used to ensure that all TA assets are employed to support the overall maneuver operation. The purpose of the TA tab is as follows:

- Assigns missions to FA TA assets.
- Coordinates the FA TA effort for the force.
- Establishes a specific flow of target processing data.
- Assigns responsibilities not covered in unit TSOPs.

G-9. Although no specific format for the tab is prescribed, the five-paragraph OPOD format normally is used, especially when the TA tab is issued separately from the FA support plan. In the div arty HQ, the div arty S2 is responsible for the preparation of the TA tab. The div arty counterfire officer, the TAB commander, and the assistant counterfire officer (the TAB executive officer) assist him. In the FA brigade, the TA tab also is developed by the S2. In separate maneuver brigades, the TA tab is produced jointly by the FA battalion S2 and S3 with help from the TA platoon leader.

G-10. The following format explains in general the preparation of the TA tab and its enclosures - the RDOs. (For specific information, see FM 6-121.)

(Classification)

TAB __ (TARGET ACQUISITION) TO APPENDIX __ (FA SUPPORT PLAN) TO ANNEX __ (FIRE SUPPORT) TO OPORD ____

Reference: The same reference information contained in the basic FA support plan should be included here. Also, any TA-specific references should be included.

Time Zone Used Throughout Order: The time zone should be the same as in the basic FA support plan.

1. **SITUATION.** This paragraph should include the friendly situation, supported units, and other TA assets in sector. Include specific enemy and friendly assessments that form a basis for the threat assessment required on the RDO.

2. **MISSION.** This paragraph should be a clear, concise statement of the TA mission.

3. **EXECUTION.**

a. **Concept of Operations.** This subparagraph gives the commander's concept for TA. This should include identification of designated cueing agents and general cueing guidance. Specific cueing guidance is listed below in the coordinating instructions subparagraph.

b. **Processing.** This subparagraph is used to denote target processing flow. This targeting information flow describes the relationship between the acquisition source and its controlling HQ. This paragraph does not represent the actual communications nets used, but shows the destination flow of targeting information. This paragraph should list all FA TA assets and HQ controlling them. The following are examples of the types and information that may be included in the processing subparagraph.

- AN/TPQ-36 section reports targets to the controlling supporting FDC.
- Firefinder radar sections report targets to the div arty (or FA brigade) CP.
- AFSOs report targets to the controlling HQ CP.
- DS battalions report targeting data to the div arty CP.
- Div arty CP will exchange targeting information with the supporting FA brigade CP (especially when it acts as the alternate div arty CP).

(Classification)

Classification

TAB ____ (TA) TO APP ____ (FA SPT) TO ANX ____ (FIRE SPT) TO OPORD ____

c. Visual Observation. At each level of command, assets from the FA and the aviation brigade combine to form the observation aircraft system. When the observation aircraft system is allocated as an FS asset, this subparagraph addresses the missions and C2 relationships assigned to AFSOs. Types of C2 relationships assigned to AFSOs normally are OPCON, DS, or GS. The overall mission of the observation aircraft when it is allocated as an FS asset is normally recommended by the FSE to execute closely the commander's intent. However, mission briefings to and actual flight control of the observation aircraft crew are often accomplished better by the force artillery CP because of the availability of technical information by the flight crew.

d. Missions. This subparagraph includes the missions and C2 relationships assigned to the FA radars. FA radars may be attached to FA battalions or higher FA HQ. They help perform the mission of the FA unit. Although not given the standard mission assigned to FA units, an attached radar assumes the mission of the supported unit, for example, DS or GS.

EXAMPLE MISSION FOR AN/TPQ-36 SECTION:

AN/TPQ-36 Section 3, Battery A, 25 FA;

Mission: GS div arty; attached to 1-51 FA for logistics and security.

e. Coordinating Instructions. This subparagraph covers information that is not addressed in the unit TSOP. At a minimum, this paragraph should consider the following:

- Cueing guidance.
- Guidance for coverage during radar section displacements.
- Common sensor boundary. Firefinder radars sharing or having overlapping search sectors need to be identified. Consideration must then be given to the establishment of a common sensor boundary. The common sensor boundary is indicated by a series of grid coordinates to define its location.
- Coordination for communications nets and relay, if required.
- Additional coordination for survey and security, if required.

4. SERVICE SUPPORT. This paragraph lists additional service support requirements as required for TA assets. This paragraph may refer to the FS annex.

Classification

Classification

TAB ____ (TA) TO APP ____ (FA SPT) TO ANX ____ (FIRE SPT) TO OPORD ____

5. COMMAND AND SIGNAL. This paragraph contains required command and signal information as it pertains to TA assets in support of the operation. This paragraph may refer to the FS annex.

Enclosures: Suggested enclosures to the TA tab include the following:

- Consolidated capabilities overlay. It normally contains the following:
 - Major unit boundaries, FEBA, and FLOT.
 - Primary and alternate search sectors, zones with type and number, and radar type to include section description. TSOPs should specify color-coding for individual radar section data.
 - Common sensor boundary, drawn as a solid line labeled as a common sensor boundary and with the effective DTG.
 - Major unit locations, especially those covered by the CFZ.
 - Overlay title, classification, and register marks.
- RDOs for the AN/TPQ-36s. A separate RDO is written for each section. (A sample RDO is included after this discussion of the TA tab. Instructions for completing an RDO are found in FM 6-121.)
- RDOs for the AN/TPQ-37s. A separate RDO is written for each section.
- Employment of unmanned aerial vehicle (UAV), if attached or available.
- ATIZ.
- CCFZ.
- CFZ.

Classification

METEOROLOGY TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-11. The met plan contains the information needed to understand how met assets will be used during a specific operation. The artillery G3/S3 controlling the met section is responsible for the preparation of the met plan. At the div arty and FA brigade, the met section leader helps the S3 with input from the S2. At corps arty the corps ballistic met NCO prepares the met plan.

G-12. The met plan is published as a tab to the FA support plan. The met plan (tab) will conform to the standard five-paragraph OPORD format. (For specific information see FM 6-15.)

(Classification)

TAB__ (MET PLAN) TO APPENDIX__ (FA SUPPORT PLAN) TO ANNEX__ (FIRE SUPPORT) TO OPORD__

Reference: The same reference information contained in the basic FA support plan should be included here. Also, any met-specific references should be included.

Time-Zone Used Throughout Order: The time zone should be the same as in the basic FA support plan.

1. **SITUATION.** This paragraph should include the friendly situation, supported units, and other met assets in sector.

2. **MISSION.** This paragraph should be a clear, concise statement of the met mission.

3. **EXECUTION.**

a. **Concept of Operations.** This subparagraph gives the commander's concept for employment of all met assets. This includes the overall section positioning scheme, types of messages to be produced, and specific requirements for firing units and other nonartillery users of met data.

b. **Scheduling.** This subparagraph provides information required for scheduling flights and operating met assets. A detailed schedule will be listed for each section and will include the following:

- Release times.
- Delivery times.
- Type of messages required.
- Unit(s) supported.
- Communication means.

c. **Coordination.** This subparagraph covers information that is not addressed in unit TSOP procedures. As a minimum, this paragraph should contain the following:

- Coordination requirements for air weather service and NBC support.
- Radiosonde frequencies.

(Classification)

(Classification)

TAB ____ (MET) TO APP ____ (FA SPT PLAN) TO ANX ____ (FIRE SPT) TO OPORD ____.

- Mode of operations (radio direction finder or navigational aid).
- Remote launch procedure.

4. **SERVICE SUPPORT.** This paragraph contains the logistics and maintenance requirements of the section. Items that must be considered for inclusion are as follows:

- Daily expenditure rates of radiosondes, helium and hydrogen, and balloons for each section.
- Organizational maintenance priorities.
- Direct support maintenance procedures and locations.
- Cross-leveling procedures.

5. **COMMAND AND SIGNAL.** This paragraph describes the C2 relationships, locations of controlling HQ, communications priorities, and dissemination methods.

(Classification)

ARTILLERY INTELLIGENCE TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-13. The artillery intelligence tab is not a copy or repeat of the maneuver intelligence annex but contains intelligence data that is artillery-specific. This tab includes artillery PIR and information requirements as designated by the artillery commander.

G-14. The artillery G2 or S2 prepares the artillery intelligence tab.

(Classification)

TAB __ (INTELLIGENCE) TO APPENDIX __ (FA SUPPORT PLAN) TO ANNEX __ (FIRE SUPPORT) TO OPORD__

Reference: The same reference information contained in the basic FA support plan should be included here. Also, any other relevant references should be included.

Time Zone Used Throughout Order: The time zone should be the same as in the basic FA support plan.

1. SUMMARY OF ENEMY SITUATION. This paragraph contains information about enemy forces essential to implementing the artillery mission. When the amount of detail to be included makes it appropriate, a brief summary and reference to the appropriate intelligence document (appendix or annex) may be used. However, reference to other documents should not be made when those documents are not available to all recipients of the appendix.

2. PRIORITY INTELLIGENCE REQUIREMENTS. This paragraph lists the PIR in separate subparagraphs. In a final subparagraph, list other intelligence requirements that may not be artillery-specific.

3. INTELLIGENCE ACQUISITION TASKS.

a. Orders to Subordinate and Attached Units. This subparagraph should list all intelligence acquisition tasks for subordinate and attached units. If appropriate, these requirements may have to be listed by phases. List by unit, in a separate, numbered subparagraph, detailed instructions for reports required by the issuing HQ.

b. Requests to Higher, Adjacent, and Cooperating Units. This subparagraph should list in a separate numbered subparagraph requests for information to units not organic or attached.

4. MEASURES FOR HANDLING PERSONNEL, DOCUMENTS, AND MATERIEL. This paragraph contains instructions about the operation that are not contained in the TSOP or that modify or amplify the TSOP for the current operation. Each of these measures should be coordinated with admin-log personnel and cross-walked with the admin-log tab. Considerations for this paragraph include the following:

- Handling of EPWs, deserters, repatriates, local inhabitants, and other persons. Special handling and segregation instructions, as appropriate. Location of EPW collection points as provided by the provost marshal.
- Handling of captured documents. Instructions for handling and processing of captured documents from time of capture to turnover to intelligence personnel.

(Classification)

(Classification)

TAB ____ (INTEL) TO APP ____ (FA SPT) TO ANX ____ (FIRE SPT) TO OPORD) ____

5. DOCUMENTS AND/OR EQUIPMENT REQUIRED. This paragraph lists, in each category, the conditions under which certain documents or equipment required by or allocated to units can be obtained or requested. Items may include standard maps, special maps, aerial photographs, and terrain analysis products. This paragraph also may include the digital products such as digital terrain elevation data, interim terrain data, Firefinder data, and digital feature analysis.

6. COUNTERINTELLIGENCE. This paragraph is covered largely by the TSOP. Any procedures not covered or different from the TSOP should be listed in this paragraph. Special considerations applying to counterintelligence implications of specific operations are listed in this paragraph.

7. REPORTS AND DISTRIBUTION. Reports and distribution instructions for this paragraph may be as described by the TSOP. This paragraph or the TSOP stipulates the conditions (for example, dates, number of copies, distribution) regulating the issue of intelligence reports to the originating command for the duration of the operation. Any or all of the following items may be included in this paragraph:

- Period to be covered by routine reports and distribution.
- Routine and special reports that differ from SOP required reports from subordinate units.
- Periodic or special conferences of intelligence officers.
- Distribution of special intelligence studies such as defense overprints, photo intelligence reports, and OB overlays.
- Special intelligence liaison, when indicated.

8. MISCELLANEOUS INSTRUCTIONS (if required). List here, under subparagraphs, necessary items that are not covered in TSOPs or that require action different from that detailed in TSOPs.

Enclosures: Suggested enclosures to the artillery intelligence tab include the following:

- Enemy force projection.
- Terrain analysis.
- Technical intelligence.
- Overlay.

(Classification)

ADMINISTRATIVE-LOGISTICS TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-15. The admin-log tab contains specific information relevant to the issuing FA HQ. Information contained in the unit TSOP should not be covered in this tab. Changes to or deviations from admin-log information in the TSOP must be covered in the tab. The admin-log tab is prepared by the G4/S4 with assistance from the G1/S1.

 (Classification)

TAB__ (ADMIN-LOG) TO APPENDIX__ (FA SUPPORT) TO ANNEX__ (FIRE SUPPORT) TO OPORD__

Reference: The same reference information contained in the basic FA support plan should be included here. Also, any other relevant references should be included.

Time Zone Used Throughout Order: The time zone should be the same as in the basic FA support plan.

1. **GENERAL.** This paragraph outlines the general plan for CSS and any orders that are not suitably covered by succeeding paragraphs. Consider the following for inclusion into this paragraph, as appropriate:

- The CSB and CSG support relationship to FA units in the area.
- Concept of logistics and administrative support by phase, if appropriate.

2. **MATERIAL AND SERVICES.** This paragraph includes information about supply (normal daily requirements), transportation, maintenance, services, and allocation of labor for CSS. If applicable, this paragraph should cover the plan for distributing all classes of supplies (supply point or unit distribution).

a. **Supply.** This paragraph should contain a subparagraph for each class of supply.

(1) **Class I.** This paragraph should consider the following:

- Ration cycle.
- The amount of days of supplies to accompany troops.
- Water distribution points.

(2) **Class II.** This paragraph should consider the following:

- Special requirements for individual clothing, CTA 50-900 items, or mission-essential consumables.

 (Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD ____

- Provisions for replacement of damaged protective clothing.

(3) **Class III.** This paragraph should consider the following:

- Package and bulk distribution points.
- Amount of package and bulk Class III to accompany troops.
- Special distribution requirements.
- Push packages.
- Supporting unit locations.
- Type fuel to be used if other than TSOP.
- Guidance on captured Class III.

(4) **Class IV.** This paragraph should discuss the availability of Class IV materials. If there are any CCLs available, this paragraph should discuss their composition and location for pick up.

(5) **Class V.** This paragraph should consider the following:

- ATP locations.
- Availability of CCLs.
- Stockage levels (special requirements).
- Ammunition information not covered in TSOP.
- CSR.
- Chemical munition allocation and location.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD ____

- (6) **Class VI.** As required.
- (7) **Class VII.** This paragraph should consider the following:
- Class VII management for the operation.
 - The method of identifying requirements.
 - Priority of replacement.
 - Location for matching replacement weapon systems with crews.
 - Location of turn-in points (usually collocated with maintenance collection points).
- (8) **Class VIII.** This paragraph should consider the following:
- Requisition channels if other than per TSOP.
 - Minimum days of supply for units to carry for the operation if different from overall days of supply.
- (9) **Class IX.** This paragraph should consider the following:
- Short supply items and their location.
 - Critical major assemblies and location.
 - Repair parts availability.
 - Priority of fill if specific for the operation.
 - Commander's guidance for cannibalization, controlled substitution, and BDAR.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD ____

b. Transportation. This paragraph should contain transportation requirements peculiar to the operation. Consider the following for inclusion:

- Number of vehicles that constitute a convoy.
- Specific convoy procedure if different than TSOP.
- Main supply route restrictions.
- Traffic control procedures.

c. Services. This subparagraph contains information that prescribes the type of service available and the designation and location of the unit providing the service. It may make assignments to support units and list schedules when services are available. This subparagraph may assign service missions for service units not covered in other orders (for example, priority of effort for engineers). If further clarification is needed for a service, list it separately as indicated below:

(1) **Construction.**

(2) **Graves registration.** This paragraph should consider the following if they are not covered in the TSOP:

- Location of collection points.
- Evacuation procedures.
- Handling of personal effects.
- Procedures for mass burials.
- Procedures for contaminated remains.

(3) **Field Services.** This paragraph should consider the following:

- Laundry.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD ____

- Bath.
- Clothing renovation and exchange.
- Bakery.
- Decontamination.

(4) **Health Services.** This paragraph should consider the following:

- Medical.
- Dental.
- Veterinary service.
- Whole blood control.
- Preventive medicine.
- Health and sanitation.

(5) **Explosive ordnance disposal.** This paragraph should consider the following:

- Location of explosive ordnance disposal teams.
- Notification procedures if other than by TSOP.
- Marking procedures if other than by TSOP.

(6) **Other items.** Other items of consideration not covered in previous paragraphs are listed here.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD)

3. MEDICAL EVACUATION AND HOSPITALIZATION. This paragraph should contain information and instructions for support units that prescribe the plan for evacuation and hospitalization of sick, wounded, or injured military personnel.

a. Evacuation. This subparagraph should consider the following:

- Routes, means, and schedules of evacuation and responsibilities for evacuation.
- Evacuation and enroute treatment policies.
- Evacuation policies by air and ground.
- Medical evacuation (MEDEVAC) frequencies.
- Evacuation procedures for contaminated patients.
- MEDEVAC request procedures if different from TSOP.
- Medical holding policy, if applicable.

b. Hospitalization. This subparagraph should consider the following:

- Location of appropriate treatment facilities.
- Definitive treatment policies that include treatment of contaminated casualties.

c. Other Medical Services. Other medical services not described above are listed here.

4. PERSONNEL. This paragraph contains all needed information and instructions on personnel matters not included in the TSOP that pertain to the specific operation.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD ____

a. Maintenance of Unit Strength. This subparagraph should consider the following:

- Requirements to keep the commander informed on personnel status (strength reports). (See the appropriate annex of the TSOP for report formats.)
- Casualty feeder submission.
- Priority of replacements, if necessary.
- Listings of critical shortage MOSs.
- Special procedures for pushing replacements to particular units (for example, covering force by phases).
- If different than the TSOP, unit obligations for processing replacements.
- Location to match replacement crews with replacement weapon systems.

b. Personnel Management. This paragraph should consider the following:

- Information and/or instructions concerning classification, assignment, promotion, transfer, reclassification, reduction, elimination, retirement, separation, training, and rotation of military personnel.
- Information on sources of civilian labor, restrictions on use of civilian labor, procurement policies and procedures, responsibilities of subordinate commanders, and other specific information not covered in the TSOP.
- Instructions and/or information concerning collection, safeguarding, processing, evacuation, use, treatment, and discipline of EPWs and civilian internees and/or detainees.
- Location of EPW and civilian internee and/or detainee facility.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD

c. Development and Maintenance of Morale. This subparagraph should consider

instructions concerning the following:

- Leaves.
- Rest and recreation facilities.
- Decorations and awards.
- Postal and finance services.
- Chaplain activities and religious coverage.
- Personal hygiene.
- Morale support activities.
- Post exchange information.
- Legal assistance.

d. Maintenance of Discipline, Law, and Order. This subparagraph should consider information or instructions on the following:

- Soldier conduct and appearance.
- Control and disposition of stragglers.
- Location of straggler collecting points.
- Administration of military justice.
- Relations between military and civilian personnel.
- Respect for local laws.

(Classification)

(Classification)

TAB ____ (ADMIN-LOG) TO APP ____ (FA SPT) TO ANX ____ (FA SPT) TO OPORD ____

5. CIVIL AFFAIRS. This paragraph covers such civil affairs activities as the allocation of civil affairs units, control of refugees, feeding and treatment of civilian population if this information is not included in a separate tab. This paragraph also may include public affairs activities if not listed

as a separate tab.

6. MISCELLANEOUS. This paragraph contains special instructions that were not covered in previous paragraphs. Topics for consideration in this paragraph include the following:

- Location of rear boundary and other boundaries needed for CSS purposes.
- Pertinent instructions from the rear area protection plan for protection of CSS units.
- Identification of supporting unit requirements for information copies of personnel status report, logistics status report, and so on.
- Use of captured equipment.
- Point of contact for fielding or modification of new equipment.

7. COMMAND AND SIGNAL. This paragraph contains the following:

- HQ location and movements.
- Liaison arrangements.
- Recognition and identification instructions.
- Transmission type and time for special reports.
- General rules concerning the use of communications and other electronic equipment, if necessary.

Enclosures: Suggested enclosures to the admin-log tab include the following:

- CCL menus.
- CSS overlay.
- Circulation and control.

(Classification)

FIELD ARTILLERY SYNCHRONIZATION MATRIX TAB TO THE FIELD ARTILLERY SUPPORT PLAN

G-16. The FA synchronization matrix is a concise, easy planning and execution tool that shows the many factors of a complicated FA support plan. The matrix may help operations officers and commanders understand how the FA support plan supports the force OPLAN or OPORD. It is a valuable planning tool for both the offense and the defense. It explains aspects of the FA support plan for which each FA HQ is responsible and the phase during the battle when these

aspects apply. When approved, the matrix becomes a primary execution tool.

FORMAT

G-17. The format for this tab is the matrix. The matrix normally is set up with FA elements shown down the left side. Headings along the top of the matrix may be either phases, selected aspects, or a combination of the two on the basis of the local TSOP.

SYNCHRONIZATION MATRIX CONTENT

G-18. Information that should be considered for inclusion in the synchronization matrix includes the following:

- Maneuver actions and enemy actions.
- Tactical missions and changes to task organization.
- Position areas.
- Priority of fires.
- Priority of survey.
- FSCMs.
- Schedules.
- Decision points.
- MSU.
- Movement information.
- Reconnaissance.
- On-order missions.
- Rearming and/or refueling.
- Communications.

G-19. Suggested enclosures to the synchronization matrix tab include the following:

- Movement matrix. Considerations for inclusion in the movement matrix include the following:
 - Positions.
 - Routes.
 - Passage points.
 - Breach sites.
 - Start points, release points, and CPs.
 - Refuel points.
 - Priorities.
- Position area overlay.